

LAND SYSTEM
Royal George

341141

Area (ha):
2215

COMPONENT	A	B	C
PROPORTION(%)	50	40	10
RAINFALL(mm)	Approximate Annual Rainfall: 625-750		
GEOLOGY	Devonian Granite		
TOPOGRAPHY	Hills		
Position	Crests/Upper Slopes	Lower Slopes	Flats
Typical Slope(°)	0-20	5-10	0
NATIVE VEGETATION			
Structure	Low Woodland	Woodland	Open Forest
Floristic Association (See Appendix 1 for common names)	<i>Eucalyptus amygdalina</i>	<i>Eucalyptus amygdalina</i>	<i>Eucalyptus amygdalina</i>
	<i>Eucalyptus viminalis</i>	<i>Acacia dealbata</i>	<i>Eucalyptus viminalis</i>
	<i>Hibbertia rlparia</i>	<i>Banksia marginata</i>	<i>Acacia dealbata</i>
	<i>Acacia dealbata</i>	<i>Persoonia juniperina</i>	<i>Pteridium esculentum</i>
	<i>Poranthera microphylla</i>	<i>Epacris impressa</i>	
	<i>Astroloma pinifolium</i>	<i>Bossiaea cinerea</i>	
		<i>Leucopogon virgatus</i>	
		<i>Amperea xiphochlada</i>	
SOIL			
Surface(A)Texture	Extremely Gravelly Loamy Sand/Sand	Extremely Gravelly Loamy Sand/sand	Extremely Gravelly Loamy Sand
B Horizon(subsoil) Colour (moist) Texture and primary profile form	Shallow extremely gravelly sand - very dark brown (10 YR 2/2) to brown/dark brown (10 YR 4/3) . Uniform.	Deep heavy clay - yellowish brown (10 YR 5/8). Duplex.	Bartially cemented gravelly sand - grey (10 YR 4/1) to dark brown (10 YR 3/3). Uniform.
Permeability	High	Moderate	High
Typical depth(m)	0. 55	1. 00	0. 60
LAND USE		Forestry, Grazing	
HAZARDS	High Sheet, Rill, Gully, Tunnel and Streambank Erosion		

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ROYAL GEORGE

The Royal George Land System includes granite country east of Avoca near St Pauls River.

Crests and upper slopes have a shallow (0.55 m) uniform gravelly sand that supports a woodland dominated by *Eucalyptus amygdalina* and *Eucalyptus viminalis* over an open understorey of *Hibbertia riparia*, *Poranthera microphylla* and *Astroloma pinifolium*.

Lower slopes have a deep (1.00) duplex soil consisting of an extremely gravelly loamy sand to sand surface over a yellowish brown clay. This supports a *Eucalyptus amygdalina* woodland over an understorey of *Acacia dealbata*, *Banksia marginata*, *Persoonia Juniperina*, *Epacris impressa*, *Bossiaea cinerea*, *Leucopogon virgatus* and *Amperea xiphoclada*.

Flats contain a uniform, gravelly sand that may contain a hardpan at depth.

Forestry and grazing are the main forms of land use. There is a derelict tin-mining area at Royal George. The land system is particularly vulnerable to sheet, rill, gully, tunnel and streambank erosion. It is closely related to the Bicheno (341143) and Freycinet (241151) Land Systems.



Gravelly crests in the Royal George Land System dominated by a low woodland of *Eucalyptus amygdalina* and *Eucalyptus viminalis*.



Severely degraded land resulting from tin-mining in the Royal George (341141) Land System.